REMARKS/ARGUMENTS

REMARKS

Claims 2-55 are pending in this application. Claims 8, 20, 37 and 44 are currently amended. It is respectfully submitted that support for the amendments is found in the specification, drawings, abstract and claims, as original filed, and that no new matter has been added. In particular, support for the amendments to claims 8 and 37 is found at least at page 19, line 16-page 20, line 3, page 16, line 20-page 17, line 2, and page 17, line 16-page 18, line 2; and support for the amendments to claims 20 and 44 is found at least at page 13, line 13-15, page 15, lines 2-8, page 15, line 18-page 16, line 19, page 17, lines 9-13, page 17, line 16-page 18, line 11 and page 19. lines 16-25.

CLAIM REJECTIONS UNDER 35 U.S.C. 103

Claims 2-55 are rejected under 35 USC 103(a) as being unpatentable over U.S. patent no. 6,327,608 to Dillingham in view of U.S. patent no. 5,818,447 to Wolf et al. It is submitted that each of claims 2-55, as now amended, is allowable for the following reason. Neither Dillingham nor Wolf et al. teaches or suggests all of the limitations of any of claims 2-55, as now amended.

Specifically, claim 8, as now amended, recites a method including instructing a client device to *render* a particular UI form of a client-resident *intermediate UI* corresponding to said UI form definition, including instructing the client device to *supplement a skeletal UI* stored in a first memory location *with one or more icons, labels or menu items*, or combinations thereof, stored in a second memory location. This is feature is not taught or suggested by Dillingham or Wolf et al. or any combination thereof. Claims 2-7 and 9-19 are allowable as being dependent from amended claim 8.

Claim 37, as now amended, is allowable for the same reason as amended claim 8. Claims 38-43 are allowable as being dependent upon amended claim 37.

Claim 20, as now amended, recites a method that includes populating a UI form with a number of source data items. The number of source data items comprises a smaller subset than a total number of source data items related to a server-based application. Further subsets of the total number of source data items are downloadable based upon execution of one or more client-side controls. Advantageously, failures that conventionally occur during downloads of long files are prevented. Formatting errors from client device conversions are also prevented. This is because a smaller amount of data is downloaded, stored and displayed at a time.

In one example, a subset of a total list of emails may be initially downloaded in accordance with an embodiment of Applicants' invention as set forth at amended Claim 20. When the user scrolls to the bottom list, another subset of the total list of emails is downloaded for scrolling, etc. The email list is a set of data items viewable within the UI that represent objects that they correspond to, e.g., that may be retrieved upon execution of them by clicking or hitting the return button. Neither Dillingham nor Wolf et al. nor any combination thereof teaches or suggests this feature.

Claims 21-36 are allowable as being dependent from amended claim 20. Claim 44, as now amended, is allowable for the same reason as amended claim 20. Claims 45-55 are allowable as being dependent from amended claim 44.

INFORMATION DISCLOSURE STATEMENT

Applicants have submitted herewith an information disclosure statement including US patent no. 6,078,322 to Siminoff et al. As understood, Siminoff et al. do not teach or suggest the features of Applicants' invention as set forth at any of claims 2-55, and particular, those features discussed briefly above. The Examiner is referred to col. 12, lines 1-13 and 23-30; and to col. 16, lines 40-49, col. 14, lines 44-56, col. 9, lines 33-50 and col. 10, lines 23-30. None of the descriptions of Siminoff et al. relates to the downloading of subsets of *data items*, e.g., a list of emails of an exemplary embodiment illustrated at Figures 3 and 4 and page 15, line 13-page 17, line 2 of Applicant's specification. As understood, the teaching by Siminoff et al. at column 12,

lines 23-39 is a generalized description of a client system that has an entire UI list of items, but not the objects associated with the items themselves. Upon execution, e.g., by clicking, of an item, the object is retrieved from the server using scripted communications. This is entirely different from Applicant's invention.

There is no teaching of Siminoff et al. wherein a subset of an entire list of emails, or more generally a subset of a total number of data items, would be originally downloaded, and then further subsets are downloaded as UI events dictate. Instead, the entire list or number of data items would be downloaded all at once in accordance with the teachings of Siminoff et al. The teachings of the recited sections of Siminoff et al., also including the flow chart of Figure 4 and 5, describe a technique wherein an email is clicked, or one of the data items in a list is clicked, or otherwise executed such as by highlighting and depressing the return button. In that event (see step 5 of Figure 5 of Siminoff et al.), the data item or object associated with it is retrieved using scripted communications between the client device and a host server. For example, the body text of the listed email that was clicked may be retrieved from the server host. There is no teaching by Siminoff et al. that subsets of a total number of data items represented in a UI are downloaded at different times, or even that the data required to instantiate an object associated with a data item are downloaded other than all at once.

In view of the above, it is respectfully submitted that the application is now in condition for allowance. The Examiner's reconsideration and further examination are respectfully requested.

The Commissioner is authorized to charge any deficiencies in fees and credit any overpayment of fees to Deposit Account <u>No. 07-1896</u>. A duplicate page is enclosed.

Respectfully submitted,

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